Erratum: "The inner structure of collisionless magnetic reconnection: The electron-frame dissipation measure and Hall fields" [Phys. Plasmas 18, 122108 (2011)]

Seiji Zenitani, Michael Hesse, Alex Klimas, Carrie Black, and Masha Kuznetsova

Citation: Physics of Plasmas (1994-present) **21**, 129906 (2014); doi: 10.1063/1.4905516
View online: http://dx.doi.org/10.1063/1.4905516
View Table of Contents: http://scitation.aip.org/content/aip/journal/pop/21/12?ver=pdfcov
Published by the AIP Publishing

Erratum: "The inner structure of collisionless magnetic reconnection: The electron-frame dissipation measure and Hall fields" [Phys. Plasmas 18, 122108 (2011)]

Seiji Zenitani,[a] Michael Hesse, Alex Klimas, Carrie Black, and Masha Kuznetsova
NASA Goddard Space Flight Center, Greenbelt, Maryland 20771, USA

(Received 18 December 2014; accepted 19 December 2014; published online 31 December 2014)

[http://dx.doi.org/10.1063/1.4905516]

Here is a list of errata in our paper, "The inner structure of collisionless magnetic reconnection: The electron-frame dissipation measure and Hall fields."[1] These errors do not alter the discussion or conclusions in the original paper.

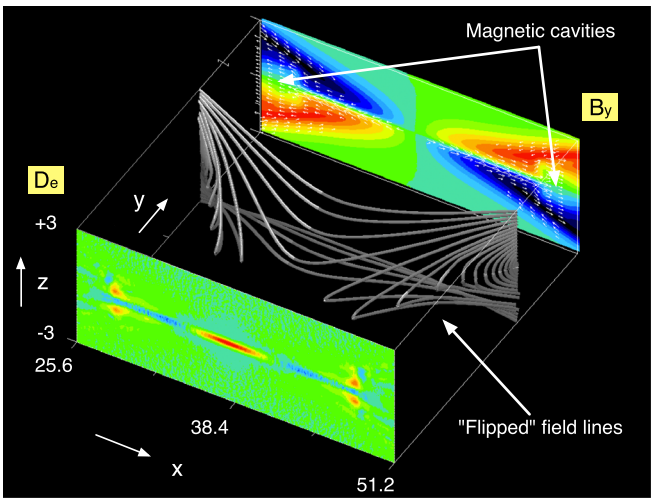

FIG. 1. Magnetic field line structure in run 1 A, averaged over $t = 35$–36. Rear panel: the out-of-plane magnetic field B_y. Front panel: the electron-frame dissipation measure D_e.

(1) Figure 2 of Ref. 1 should be replaced by Figure 1 of this correction. In Ref. 1, the front panel incorrectly shows the dissipation measure D_e at $t = 40$ due to a software bug. In Figure 1, it correctly shows the measure at $t = 35$.
(2) We intended to use the MKS system in Ref. 1, but Secs. III and V were puzzlingly written in the CGS system. We sincerely regret this error. It does not alter the results at all, because simulations and analysis were done in normalized units.
(3) On page 5, line 5, "$\boldsymbol{j}(\approx \nabla \times \boldsymbol{B})$" should be corrected to "$\boldsymbol{j}(\approx \nabla \times \boldsymbol{B}/\mu_0)$."
(4) On page 8, frequencies and angular frequencies should be denoted by different symbols, e.g., $f_{ce} = (\Omega_{ce}/2\pi) \approx 560\,(\mathrm{Hz})$ and $f_{pe} = (\omega_{pe}/2\pi) \sim 9\,(\mathrm{kHz})$.

A corrected paper in MKS will be posted to arXiv:1110.3103v4. To refer Ref. 1 in future publications, please add "(arXiv:1110.3103)" in the reference list, e.g., S. Zenitani, M. Hesse, A. Klimas, C. Black, and M. Kuznetsova, Phys. Plasmas **18**, 122108 (2011); e-print arXiv:1110.3103.

[1]S. Zenitani, M. Hesse, A. Klimas, C. Black, and M. Kuznetsova, Phys. Plasmas **18**, 122108 (2011); e-print arXiv:1110.3103.

[a]Present address: National Astronomical Observatory of Japan, 2-21-1 Osawa, Mitaka, Tokyo 181-8588, Japan. Electronic mail: seiji.zenitani@nao.ac.jp.

